

## **METHOD AND APPARATUS FOR ADAPTING AND HOSTING LEGACY USER INTERFACE CONTROLS**

### Abstract of the Disclosure

5 A method and apparatus for adapting and hosting legacy user interface controls is provided. Legacy user interface controls are exposed within a new window manager as native user interface objects. A bridge between a hosted legacy user interface control and the legacy window manager intercepts messages intended for the hosted user interface control. The messages are filtered to determine if they should be passed to the new window manager. If a message is to be forwarded, the message is forwarded to a  
10 root Visual Gadget in the new window manager. The message is processed and routed down the window tree to an adapter control for hosting the legacy user interface control. The adapter control processes the message and routes the message to any listener objects attached to the adapter. If the message has not been completely handled, the message is "bubbled" up the window tree to the parent objects of the adapter control for additional  
15 processing.